

## Managed Services for Machine Learning



The machine learning process can be labor intensive. Machine learning requires a number of tools to prepare the data, train the models, and deploy the models. Most of the work usually takes place within web-based, interactive notebooks, such as Jupyter notebooks. Although notebooks are lightweight and easily run in a web browser, you still need a server to host them. Typically, this involves installing several applications and libraries on a machine, configuring the environment settings, and then loading any additional resources required to begin working within notebooks or integrated development environments (IDEs).

All this setup takes time, and there is sometimes a fair amount of troubleshooting involved to make sure you have the right combination of software versions that are compatible with one another. This is the advantage of **managed services for machine learning**, which provide a ready-made environment that is pre-optimized for your machine learning development.